

# Comparisons of Job Characteristics

**Focus Occupation: Supervisors of Construction and Extraction Workers (47-1011)**

**Associated Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 72

**Focus Occupation: Supervisors of Construction and Extraction Workers (47-1011)**

**Associated Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mechanical	6.8	19.8	13.9	<<	Extensive education and/or training may be required
Administration and Management	8.4	16.2	12.8	<<	Extensive education and/or training may be required
Education and Training	9.2	14.0	7.8	<<	Extensive education and/or training may be required
Personnel and Human Resources	5.6	13.5	8.6	<<	Extensive education and/or training may be required
Production and Processing	6.0	13.5	9.5	<<	Extensive education and/or training may be required
Clerical	7.3	12.3	6.5	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	12.2	10.6	<	Expanded education and/or training may be required
Economics and Accounting	4.4	10.2	4.2	<<	Extensive education and/or training may be required
Building and Construction	4.0	9.3	16.9	>>	Current knowledge level is likely more than sufficient
Telecommunications	3.9	7.3	3.0	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 75

**Focus Occupation: Supervisors of Construction and Extraction Workers (47-1011)**

**Associated Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Management of Personnel Resources	6.9	13.6	11.6	<	A higher skill level may be required
Monitoring	9.9	13.5	10.0	<<	Extensive development of skills in this area may be required
Time Management	8.9	13.0	11.2	<	A higher skill level may be required
Coordination	9.1	12.5	12.2	0	Current skill level may be sufficient
Quality Control Analysis	5.9	11.6	7.9	<<	Extensive development of skills in this area may be required
Negotiation	6.8	11.0	8.7	<	A higher skill level may be required
Troubleshooting	4.5	10.4	6.1	<<	Extensive development of skills in this area may be required
Equipment Maintenance	3.5	10.1	5.1	<<	Extensive development of skills in this area may be required
Repairing	3.4	10.0	4.4	<<	Extensive development of skills in this area may be required
Management of Financial Resources	3.3	9.8	4.4	<<	Extensive development of skills in this area may be required
Management of Material Resources	3.7	9.7	5.6	<<	Extensive development of skills in this area may be required
Equipment Selection	3.3	7.5	6.9	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 93				
Focus Occupation: Supervisors of Construction and Extraction Workers (47-1011)						
Associated Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)						
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation		
Flexibility of Closure	7.8	10.3	7.7	<<	Extensive improvement in abilities may be required	
Auditory Attention	5.9	10.0	6.6	<<	Extensive improvement in abilities may be required	
Hearing Sensitivity	5.6	9.7	6.9	<<	Extensive improvement in abilities may be required	
Speed of Closure	5.9	9.1	5.4	<<	Extensive improvement in abilities may be required	
Memorization	5.6	8.4	5.5	<<	Extensive improvement in abilities may be required	
Sound Localization	2.2	6.0	2.4	<<	Extensive improvement in abilities may be required	

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 85

**Focus Occupation: Supervisors of Construction and Extraction Workers (47-1011)**

**Associated Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)**

Work Activities	Exclusivity of Activity
Assign work to staff or employees	30
Conduct or attend staff meetings	47
Conduct training for personnel	30
Demonstrate or explain assembly or use of equipment	61
Develop staffing plan	77
Direct and coordinate activities of workers or staff	3
Establish employee performance standards	69
Estimate materials or labor requirements	61
Hire, discharge, transfer, or promote workers	47
Monitor worker performance	57
Orient new employees	59
Oversee work progress to verify safety or conformance to standards	49
Prepare or maintain employee records	69
Prepare reports	8
Read blueprints	10
Read specifications	23
Read technical drawings	7
Read work order, instructions, formulas, or processing charts	9
Recommend improvements to work methods or procedures	64
Recommend personnel actions, such as promotions, transfers, and dismissals	72
Recommend purchase or repair of furnishings or equipment	78
Resolve or assist workers to resolve work problems	72

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 84

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Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Data management and query software	1
Industry specific software	1
Information exchange software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.